

ABSTRACT OF THE DISCLOSURE

There is disclosed a transducer with an integral switch for wireless electronics. Essentially, the transducer contains a housing which includes a sensor device. The sensor device may be a piezoresistive Wheatstone bridge arranged in a conventional manner. The output of the bridge is coupled to a typical amplifying circuit or an analog-to-digital converter whose signal is coupled to a suitable transmitting means. The signal provided by the Wheatstone bridge is transmitted through RF, infrared or some other wireless transmission scheme to a remote location. Such transmissions schemes are well known. Associated with the sensor and secured to the sensor housing, is a push button switch which is wired in series with a battery. The battery operates to energize the sensor, including all the electronics when the sensor is in placed in a pressure sensing position. When the pressure is placed in a pressure sensing position, the push button switch, is actuated to apply operating bias to the transducer device.

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